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A - [001] 013 03& 06- 075 09& 09- 10& 10- 143 144 15- 17& 18& 18- 273 318  
321 351 364 366 44& 481 483 504 506 511 516 518

CPY - SANN

DC - A23 A87 E12 E33 F06

DR - 0956-U 1905-U 1916-U

FS - CPI

IC - C09K3/16 ; D06M11/04 ; D06M13/20

KS - 0034 0037 0039 0042 0045 0048 0051 0057 0060 0224 0228 1291 2274 2322  
2528 2553 2589 2670

MC - A05-E01B A08-S04 A12-S05S E07-H04 E10-A17 E10-B01E E10-B03A E10-B03B  
E10-B04A E10-B04D E10-C04J E10-C04L E34-B E34-D03 F03-C05

M3 - [01] A212 A220 A940 C108 C307 C510 C730 C801 C802 C803 C804 C807 M411  
M782 M903 M910 Q130 Q323 Q603 R023 R043

- [02] K0 L2 L250 M280 M320 M416 M620 M650 M782 M903 M910 Q130 Q323 Q603  
R023 R043

- [03] J0 J011 J1 J171 M210 M211 M212 M213 M214 M215 M231 M232 M233 M262  
M281 M320 M416 M620 M630 M782 M903 Q130 Q323 Q603 R023 R043

- [04] G010 G019 G020 G021 G029 G040 G100 G111 G112 H1 H100 H101 H102  
H103 H141 H181 H182 H183 H713 H716 H721 H722 H723 L640 L699 M121 M122  
M124 M129 M143 M210 M211 M212 M213 M214 M215 M216 M231 M232 M233 M273  
M280 M281 M282 M283 M311 M312 M313 M314 M315 M320 M321 M322 M323 M331  
M332 M333 M342 M383 M391 M392 M393 M414 M416 M510 M520 M531 M532 M533  
M540 M620 M650 M782 M903 Q130 Q323 Q603 R023 R043

- [05] F011 F019 F423 F433 F443 F499 G010 G020 G021 G040 H1 H141 H181  
H182 H2 H201 H202 H401 H481 H713 H716 H721 M210 M211 M212 M213 M214  
M215 M216 M273 M280 M281 M311 M312 M313 M314 M315 M320 M321 M331 M332  
M333 M342 M383 M391 M414 M416 M510 M520 M531 M540 M620 M650 M782 M903  
Q130 Q323 Q603 R023 R043

PA - (SANN ) SANYO CHEM IND LTD

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XA - C1983-070978

XIC - C09K-003/16 ; D06M-011/04 ; D06M-013/20

AB - J58104275 Agent contains (A) calcium nitrate and/or magnesium nitrate  
and (B) lower amine salt and/or alkali metal salt of lower carboxylic  
acid. The lower carboxylic acid is of 1-5C, (1-3C). The lower amine is  
monoamine of formula (I) and/or polyamine of formula (II) and/or  
guanidine. (A) and (B) are pref. used in ratio 1:1 to 1:0.1 by wt.  
Pref. (B) are alkanolamine salt and polyalkylene polyamine salt. Pref.  
alkali metals are Na, K and Li. The antistatic agent is pref. applied  
in amt. 0.01 to 5% wof. by solids.

- R1 is 1-6C hydroxyalkyl, 1-6C alkyl, alkenyl or aryl gp.; R2 and R3  
are H, 1-6C hydroxyalkyl, 1-6C alkyl, 1-6C alkenyl or aryl gp.; R1-3  
may be linked to one another and form a 5-7 membered ring together  
with the N. R4-8 are H or 1-4C alkyl, gp.; m is 0 to 4; n is 2-6.

When m is 0, R5 and R7 or R4,5 and R7 may be linked to each other and  
form a 5-7 membered ring together with N-(CH2)n-N.

- The agent shows excellent antistatic effect at low temp. on synthetic